

Title (en)

METHOD FOR INSPECTING A TANK, SLUICE DEVICE AND ARRANGEMENT COMPRISING A TANK, A SLUICE DEVICE AND AN INSPECTION DEVICE

Title (de)

VERFAHREN ZUR INSPEKTION EINES TANKS, SCHLEUSENVORRICHTUNG UND ANORDNUNG UMFASSEND EINEN TANK, EINE SCHLEUSENVORRICHTUNG UND EIN INSPEKTIONSGERÄT

Title (fr)

PROCÉDÉ D'INSPECTION D'UN RÉSERVOIR, DISPOSITIF FORMANT SAS ET ARRANGEMENT COMPRENANT UN RÉSERVOIR, UN DISPOSITIF FORMANT SAS ET UN DISPOSITIF D'INSPECTION

Publication

EP 4384793 A1 20240619 (DE)

Application

EP 22765096 A 20220815

Priority

- BE 202105647 A 20210813
- EP 2022072789 W 20220815

Abstract (en)

[origin: WO2023017188A1] The invention relates to a method for inspecting a tank for fluid media, preferably for flammable and/or explosive energy carriers, in particular for inspecting a fixed or floating roof tank, with an inspection device which records measurement data inside the tank on a base, a wall and/or any upper boundary of the tank preferably designed as a fixed or floating roof, wherein the inspection device is introduced into the tank through an access opening, wherein the inspection device is introduced from a sluice chamber of a, in particular mobile, sluice device which is pre-connected to the tank and which is adapted to the conditions present in the tank, through a sluice entrance after the access opening has been opened and is transferred back into the sluice device after the measurement data have been recorded, whereupon, in particular, the access opening is closed. The invention further relates to a sluice device comprising at least one sluice space and a sluice entrance, and to an arrangement comprising a tank, a sluice device and an inspection device for inspecting the tank.

IPC 8 full level

G01M 5/00 (2006.01); **B65D 90/48** (2006.01); **G01N 21/954** (2006.01)

CPC (source: EP)

G01M 5/0075 (2013.01); **G01N 21/954** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2023017188 A1 20230216; AU 2022327644 A1 20240229; BE 1029681 A1 20230308; BE 1029681 B1 20230313; CA 3228620 A1 20230216; EP 4384793 A1 20240619

DOCDB simple family (application)

EP 2022072789 W 20220815; AU 2022327644 A 20220815; BE 202105647 A 20210813; CA 3228620 A 20220815; EP 22765096 A 20220815